

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

APPLICANT: Ralf Wilhelm SCHULTE et al.
TITLE: "Means and Methods for the Specific Inhibition of Genes in Cells
and Tissue of the CNS and/or Eye"
SERIAL NO.: Not Yet Assigned
ATTORNEY REF: 129402.00101
DATE OF DEPOSIT: October 18, 2004
EXPRESS MAIL NO. EV472062178

I hereby certify that this patent application and enclosures as indicated below are being deposited with the United States Postal Service via United States Post Office Express Mail on the date indicated above, addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Nicole Fye
(Typed or printed name of person mailing paper or fee)

Nicole Fye
(Signature of person mailing paper or fee)

Documents Sent:

- ☒ Transmittal Letter Under 35 U.S.C. 371 (IN DUPLICATE)
- ☒ Copies of International Application & ISR as Published (WO 03/087367 A2 & A3)
- ☒ Application Data Sheet (4 pp.)
- ☒ Computer-readable Form of the Sequence Listing & Statement
- ☒ Check in the amount of \$977.00

PTO-1390 (Rev. 07-2004)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 129402.00101 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/511656 |
| INTERNATIONAL APPLICATION NO. PCT/EP03/04002 | INTERNATIONAL FILING DATE 16 April 2003 (16.04.03) | PRIORITY DATE CLAIMED 18 April 2002 (18.04.02) 5 December 2002 (05.12.02) |
| TITLE OF INVENTION "Means and Methods for the Specific Inhibition of Genes in Cells and Tissue of the CNS and/or Eye" | | |
| APPLICANT(S) FOR DO/EO/US: Ralf Wilhelm SCHULTE and Frank GÖHRING | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Certificate of Mailing; Postcard | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (an by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold; text-align: center;">10/511656</div> | INTERNATIONAL APPLICATION NO. PCT/EP03/04002 | ATTORNEY'S DOCKET NUMBER 129402.00101 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|------------------------|--------------|-----------------------|----|--|--------------|---------|----|-----------|----------|--|--------------------|-------|---|-----------|---------|--|---|--|--|--|------------|----------|--------------------------------------|--|--|--|------------|--|--|
| 21. <input type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1110.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$950.00 International preliminary examination fee (37 CFR 1.482 not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$790.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)\$750.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)\$100.00 <div style="text-align: right; padding-right: 50px;"> ENTER APPROPRIATE BASIC FEE AMOUNT = \$950.00 </div> | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">CALCULATIONS</th> <th style="text-align: left;">PTO USE ONLY</th> </tr> <tr> <td colspan="2" style="height: 150px;"></td> </tr> </table> | CALCULATIONS | PTO USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CALCULATIONS | PTO USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | \$130.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 15%;">RATE</th> <th style="width: 20%;"></th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>47-20 =</td> <td>27</td> <td>X \$18.00</td> <td>\$486.00</td> <td></td> </tr> <tr> <td>Independent claims</td> <td>4-3 =</td> <td>1</td> <td>X \$88.00</td> <td>\$88.00</td> <td></td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$300.00</td> <td>\$300.00</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$1,954.00</td> <td></td> </tr> </tbody> </table> | | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | Total claims | 47-20 = | 27 | X \$18.00 | \$486.00 | | Independent claims | 4-3 = | 1 | X \$88.00 | \$88.00 | | MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | | + \$300.00 | \$300.00 | TOTAL OF ABOVE CALCULATIONS = | | | | \$1,954.00 | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total claims | 47-20 = | 27 | X \$18.00 | \$486.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Independent claims | 4-3 = | 1 | X \$88.00 | \$88.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | | + \$300.00 | \$300.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1,954.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 1.27. The fees indicated above are reduced by 1/2. | | \$977.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="text-align: right; padding-right: 50px;">SUBTOTAL =</div> | | \$977.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). + | | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="text-align: right; padding-right: 50px;">TOTAL NATIONAL FEE =</div> | | \$977.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Amount to be refunded:</td> <td style="width: 20%;">\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$</td> </tr> </table> | Amount to be refunded: | \$ | Amount to be charged: | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amount to be refunded: | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amount to be charged: | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a. <input checked="" type="checkbox"/> A check in the amount of \$977.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0436</u> <i>A duplicate copy of this sheet is enclosed.</i> d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 60%;"> SEND ALL CORRESPONDENCE TO: Pepper Hamilton LLP 500 Grant Street, 50th Floor Pittsburgh, PA 15219 Telephone: (412) 454-5000 Facsimile: (412) 281-0717 </div> <div style="width: 35%; text-align: center;"> <div style="border-top: 1px solid black; width: 100%;"></div> Raymond A. Miller NAME <div style="border-top: 1px solid black; width: 100%;"></div> 42,891 REGISTRATION NUMBER </div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |